

DART

DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	APPROVED	DRAWING NO. DSI 9274	REV. A SHEET 1 OF 1
DATE 04.02.19		TITLE ROLLER BEARING UPGRADE KIT	SCALE NTS
A	04.02.19	NEW ISSUE	

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-698 REV. A

REF. CANADIAN STC: SH92-43

REF. FAA STC: SR01446NY

To prevent premature wear to door tracks from installation of D412-698-011/-012 chg 001, replace D3121-19 Bearings on D3121-141/-143/-144 Bracket Assemblies with D3121-241 Bearing Assemblies and replace D3183-5 Bearings on D3183-043/-044 Bracket Assemblies with D3183-045 Bearing Assemblies.

It is also recommended to replace D3121-145/-146 with D3121-141 to improve operation on undulating tracks.

When installing D3121-241, install D3183-7 Washer on spigot before installing D3121-241 Bearing Assembly. It is acceptable to grind down the spigot as required so that the bearing sits flush with the top of the spigot.

To fit D3183-045 on horizontal roller of D3183-043/-044, machine spigot to same height as vertical roller spigot. If track is not wearing, it is acceptable to leave double rollers (2x D3183-5) on horizontal spigot.

For additional clearance replace all D3121-17 Washers & MS24694S50 Screws with D3121-21 Bolts. C-sink top of spigot so D3121-21 Bolt sits flush with top of spigot.

Qty -011	Part Number	Description
X	DSI 9274-011	Bearing Upgrade Kit
1	D3121-141	Bracket Assembly
6	D3121-21	Bolt
4	D3121-241	Bearing Assembly
2	D3183-045	Bearing Assembly
4	D3183-7	Washer

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: 
D. SHEPHERD (DE # 02)

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